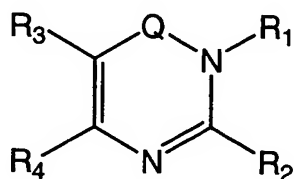


**ABSTRACT**

**[0551]** Compounds, pharmaceuticals, kits and methods are provided for use with DPP-IV and other S9 proteases that comprise a compound comprising the formula:



wherein Q is selected from the group consisting of CO, SO, SO<sub>2</sub>, or C=NR<sub>9</sub>; and R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub> and R<sub>4</sub> are as defined herein.